



APPENDIX A

Sette et al.

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Table XXIV. MHC-peptide binding assays: cell lines and radiolabeled ligands.

A. Class I binding assays

Species	Antigen	Allele	Cell line	Radiolabeled peptide		SEQ ID NO:	Notes
				Source	Sequence		
Human	A1	A*0101	Steinlin	Hu. J chain 102-110	YTAVVPLVY	3539	no-NEN in PI-cocktail
	A2	A*0201	JY	HBVc 18-27 F6->Y	FLPSDYFPPSV	3540	no-NEN in PI-cocktail
	A2	A*0202	P815 (transfected)	HBVc 18-27 F6->Y	FLPSDYFPPSV	3540	no-NEN in PI-cocktail
	A2	A*0203	FUN	HBVc 18-27 F6->Y	FLPSDYFPPSV	3540	no-NEN in PI-cocktail
	A2	A*0206	CLA	HBVc 18-27 F6->Y	FLPSDYFPPSV	3540	no-NEN in PI-cocktail
	A2	A*0207	721.221 (transfected)	HBVc 18-27 F6->Y	FLPSDYFPPSV	3540	no-NEN in PI-cocktail
	A3		GM3107	non-natural (A3CON1)	KVFPYALINK	3541	no-NEN in PI-cocktail
	A11		BVR	non-natural (A3CON1)	KVFPYALINK	3541	no-NEN in PI-cocktail
	A24	A*2402	KAS116	non-natural (A24CON1)	AYIDNYNKF	3542	no-NEN in PI-cocktail
	A31	A*3101	SPACH	non-natural (A3CON1)	KVFPYALINK	3541	no-NEN in PI-cocktail
	A33	A*3301	LWAGS	non-natural (A3CON1)	KVFPYALINK	3541	no-NEN in PI-cocktail
	A28/68	A*6801	CIR	HBVc 141-151 T7->Y	STLPETYVVR	3543	no-NEN in PI-cocktail
	A28/68	A*6802	AMAI	HBV pol 646-654 C4->A	FTQAGYPAL	3544	no-NEN in PI-cocktail
	B7	B*0702	GM3107	A2 sigal seq. 5-13 (L7->Y)	APRTLVL	3545	no-NEN in PI-cocktail
	B8	B*0801	Steinlin	HIVgp 586-593 Y1->F, Q5->Y	FLKDYQLL	3546	no-NEN in PI-cocktail
	B27	B*2705	LG2	R 60s	FRYNGLIHR	3547	no-NEN in PI-cocktail
	B35	B*3501	CIR, BVR	non-natural (B35CON2)	FPPKYAAAF	3548	no-NEN in PI-cocktail
	B35	B*3502	TISI	non-natural (B35CON2)	FPPKYAAAF	3548	no-NEN in PI-cocktail
	B35	B*3503	EHM	non-natural (B35CON2)	FPPKYAAAF	3548	no-NEN in PI-cocktail
	B44	B*4403	PITOUT	EF-1 G6->Y	AEMGKYSFY	3549	no-NEN in PI-cocktail
	B51		KAS116	non-natural (B35CON2)	FPPKYAAAF	3550	no-NEN in PI-cocktail
	B53	B*5301	AMAI	non-natural (B35CON2)	FPPKYAAAF	3550	no-NEN in PI-cocktail
	B54	B*5401	KT3	non-natural (B35CON2)	FPPKYAAAF	3550	no-NEN in PI-cocktail
	Cw4	Cw*0401	CIR	non-natural (C4CON 1)	QYDDAVYKL	3551	no-NEN in PI-cocktail
	Cw6	Cw*0602	721.221 transfected	non-natural (C6CON1)	YRHDGQVNL	3552	no-NEN in PI-cocktail
	Cw7	Cw*0702	721.221 transfected	non-natural (C6CON1)	YRHDGQVNL	3552	no-NEN in PI-cocktail
Mouse	D ^b		EL4	Adenovirus E1A P7->Y	SGPSNTYPEI	3353	no-NEN in PI-cocktail
	K ^b		EL4	VSV NP 52-59	RGYVFOGL	3354	no-NEN in PI-cocktail
	D ^d		P815	HIV-III ENV G4->Y	RGPTAFVTI	3355	no-NEN in PI-cocktail
	K ^d		P815	non-natural (KdCON1)	KFNPMKTYI	3356	no-NEN in PI-cocktail
	L ^d		P815	HBVs 28-39	IPQSLDSYWTSL	3357	no-NEN in PI-cocktail

~~optimal assay pH is 4.:~~

~~no NEM in PI mix~~

~~optimal assay pH is 5.:~~

~~1:5 si H₂O assay found~~

~~optimal assay pH is 5.5~~

~~optimal assay pH is 5.)~~